

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set including a list of substances that include chemical materials which are controlled substances, and wherein at least some of said controlled substances are in the same class of compounds;

providing a second data set including a list of said controlled substances, and wherein said controlled substances of the same class of compounds are categorized by a common group control ID;

providing a third data set including a list of conversion factors for said controlled substances in a process;

analyzing a present amount of said chemical materials in said process and determining a quantity of said controlled substances; and

determining an emissions quantity of said controlled substances utilizing said conversion factors and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

2. (Previously Presented) The method of claim 1 wherein said second data set further includes safety information about said controlled substances.

3. (Previously Presented) The method of claim 1 wherein said second data set further includes a control object code for designating the source of the control.

4. (Original) The method of claim 1 wherein said process is a chemical reaction.

5. (Previously Presented) The method of claim 1 further comprising the step of providing a fourth data set including handling precautions, hazards and legal regulations for said materials.

6. (Previously Presented) The method of claim 1 wherein said steps of providing said first, second, and third data sets includes a step of obtaining said respective data sets from an outsourcing company.

7. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set including a list of substances that include chemical materials which are controlled substances, and wherein at least some of said controlled substances are in the same class of compounds;

providing a second data set including a list of said controlled substances, and wherein said controlled substances of the same class of compounds are categorized by a group control ID;

providing a third data set including a conversion factor for at least one of said controlled substances in a process;

providing a fourth data set including a list of handling precautions, hazards and legal regulations for said materials;

analyzing a present amount of said chemical materials in said process and determining a quantity of said controlled substances; and

determining an emissions quantity of said controlled substances utilizing said conversion factor and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

8. (Previously Presented) The method of claim 7 wherein said second data set further includes information about said controlled substances.

9. (Previously Presented) The method of claim 7 wherein said second data set further includes a control object code for designating the source of the control.

10. (Original) The method of claim 7 wherein said process is a chemical reaction.

11. (Previously Presented) The method of claim 7 further comprising the step of obtaining said data sets from an outsourcing company.

12. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set including a list of substances that include chemical materials which are controlled substances;

providing a second data set including a list of said controlled substances, at least some of said controlled substances being categorized by a group control ID;

providing a third data set including a list of conversion factors for said controlled substances in a process;

analyzing a present amount of said chemical materials in said process and determining a quantity of said controlled substances; and

determining an emissions quantity of said controlled substances utilizing said conversion factors and said first and second data sets,

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

13. (Canceled)

14. (Previously Presented) The method of claim 12 wherein said second data set further includes information about said controlled substances.

15. (Previously Presented) The method of claim 12 wherein said second data set further includes a control object code for designating the source of the control.

16. (Original) The method of claim 12 wherein said process is a chemical reaction.

17. (Previously Presented) The method of claim 12 further comprising the step of providing a fourth data set including handling precautions, hazards and legal regulations for said materials.

18-38. (Canceled)

39. (Currently Amended) A method for management of chemical materials comprising the steps of:

providing a first data set including a list of substances which include chemical materials which are legally controlled substances, at least some of which belong to the same class of compounds;

providing a second data set including a list of said legally controlled substances, and grouping said at least some of said legally controlled substances, that belong to the same class of compounds, by a group control ID;

providing a third data set including a conversion factor for at least one of said controlled substances in a process;

analyzing a present amount of said chemical materials in said process and determining a quantity of said controlled substances; and

determining an emissions quantity of said controlled substances utilizing said conversion factor and said first and second data sets; [[and]]

wherein said method further comprises the step of obtaining said data sets from an outsourcing company, and

wherein said group control ID is the same for chemicals to be controlled that include a predetermined common component.

40. (Canceled)